

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001585

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: F42B 3/16, F42C 11/06, F42C 15/31, F42C 15/40  
According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: F42B, F42C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 9604522 A1 (DYNAMIT NOBEL AKTIENGESSELLSCHAFT), 15 February 1996 (15.02.1996), figures 1,2, claims 1-5  --	1-21
A	US 5133257 A (BERT JONSSON), 28 July 1992 (28.07.1992), column 4, line 5 - line 49, figure 1  --	1-21
A	US 3738872 A (RICHARD T. ZIEMBA), 12 June 1973 (12.06.1973), column 4, line 62 - column 5, line 15, figure 3, claim 1  -- -----	1-21

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

1 March 2005

Date of mailing of the international search report

03 -03- 2005

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WO	9604522	A1	15/02/1996	AU	3256195	A	04/03/1996
				DE	4427296	A	08/02/1996
				TR	960101	A	00/00/0000
				ZA	9506449	A	22/03/1996

US	5133257	A	28/07/1992	AU	622871	B	30/04/1992
				AU	2264288	A	09/03/1989
				BR	8807665	A	05/06/1990
				DE	3890653	C,T	10/10/1996
				FI	900709	D	00/00/0000
				SE	459123	B,C	05/06/1989
				SE	8703157	A	15/02/1989
				WO	8901601	A	23/02/1989

US	3738872	A	12/06/1973	NONE			
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